

REMARKS


Claims 1-12 are rejected. Claims 1 and 8 are independent claims. Claims 2, 3 and 9 have been canceled. Claims 1-12 are pending.

Applicant wishes to thank the Examiner for indicating that claims 8, 11, and 12 are allowed. In addition, claim 10 is allowable if the objection based on improper dependency is corrected and claim 2 would be allowable if rewritten to incorporate the base claim and any intervening claims. In response, Claim 1 has been amended to combine the limitation of Claim 2. Claims 4 and 10 have been amended to depend on claims 1 and 8, respectively. Also, claim 1 has been amended to provide antecedent basis for the limitation of 'a' output signal amplitude detector.

Claims 1, 4-7 stand rejected under 35 U.S.C. §102(e) as allegedly being anticipated by Doh et al. (US 6,909,082). In response, applicants point out that base claim 1 has been amended to recite a peak detector for detecting a peak value of a burst signal in a burst mode optical receiver, the peak detector comprising, *inter alia*, a transistor that functions as a diode when a positive signal is received from the amplifying terminal, wherein the **transistor is a Heterojunction Bipolar Transistor (HBT)**.

Accordingly, in view of the above, withdrawal of the objections and this ground for rejection are respectfully requested, and an early action on the merits of the claims is courteously solicited.

Respectfully submitted,



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